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Post-processing: Minimum March 0%
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Listing first 45 summuries
                                                                                                                                                                                                                                                                                                                                                  Minimum DB seg length: 0
Maximum DB seg length: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OM protein
                                                                                                                                                                                                                                                                              Database :
                                                                                                                                                                                                                                                                                                                                                                                     Thial number of hits satisfying chosen parameters
                                                                                                                                                                                                                                                                                                                                                                                                                                               Scoring table.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Run 🕾
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mitth 20, 2003, on 40.26 , Seattch time 35 Seconds (without alignments) 41.879 Million cell updates/sec
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Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                           008470 segs, 133250620 residues
                                                                                                                                                                                                                                                                 A_Geneseq_101002:*
1: /SIDS1/gcgdata/geneseq/geneseqp-embl/AA1980.DAT:*
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ASKKPKRMIKA 11
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Pred. No. is the number of results predicted by channe to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SIMMARI

Result	Score	Query Match Length	ength	DB	ID	Description
<u>.</u>	54	100.0	1	21	AAY88527	NCAM Ig1 binding p
C1	49	α α α) —) —	F-1	AAY98553	Ig1 binding
بى	46	85.2	11	21	AAY88557	NCAM Ig1 binding p
4	42	77.8	11	21	AAY88554	Ig1
Ŋ	36	σ. •) -	to pa	AAY5855	NCAM Igl binding p
Ti.	اد ا احدًا	iti H) - 4) - 4	4	AAF34247	유표
7	ىن	61.1	بر	17	AAR95642	Antigen peptide fr
. 8	(3)	ω)-1 -1	i)	AAY9855C	MCAM Ig1 binding p
9	3.6	55.6	نم ال	FJ L	ABC01171	Human SHARP 1 tran
10	29	л Д			PAR 34246	HTLV I residues 88

ALIGNMENTS

3 3	07 AUG-2000 (first entry) NOAM Ig1 binding peptide C3.	NCAM [3] binding peptide C3. NCAM, neural cell adhesien melecule; [3]; imm	CAM, neural coll addresion molecule; Tgl; immediae orrerowth promoter; proliferation; or	repaired myrlingtion, stroke, darkinger, wire	rreatment; prosthetic merve guide; treatment; nervous system.	Synthetic.	W0200018801 A2.	0K-APR-2000		23-8EP-1999; 99WA-DKAASAA		SEP 1990;	20 SEP 1000; 00FF.000802.	SEP 1998; -APP-1999;	SEP 1999; -APP-1999; -MM/) FOMN L	SEP 1999; -APP-1999; -OLM/) BOOK E. OLM/) HOLM A.	SEP 1999; -ARP 1999; -NACH I SCHILL	SEP 1999; -APP 1999; -NN/) FORN L -NNY/) BOOK ECEE/) GLESH A -CEE/) GSTERGA
12	ry) - C3.			sor proliferation; norve damage; so	tor, proliferation, norme damage, so tor, proliferation, norme damage, so toke, Parkins.c.(% 3)sease, memory, aberes mellitus, circadian clock, no	<pre>inf "i.P".ing involute to tor; proliferation; nerve damage; so toke, Facking.c.'s 3.sease, "e" "ry abetes mellitus; circadian clock, ne erve guide; trearment; nerveus syste</pre>	Fig. 1. Address to the desired for the properties of the control o	The material of the many involution of the proliferation nerve damage; so theke, farking of a disease, memory abbtes mellitus; circadian clock, nearve guide; treatment; nervens syste	ter, proliferation, never damage; so ter, proliferation, never damage; so teke, farking(% 3:89486, memory, abetes mellitus, circadian clock, he arve guide, treatment; nervous systems.)	ter, proliferation, never damage; so ter, proliferation, never damage; so troke, farking.trs disease, "Em-ry, abetes mellitus, Gircadian clock, ne erro guido, treatment; nervous syste	ter minist juli ministrution ter proliferation norwe damage; so trake, proliferation, norwe damage; so trake, farkins.dis disease, memity abbtes mellitus, circadian clock, nearth guido; treathent, nervous systees quido; treathent, nervous systees.	tor, proliferation, norwe damage, so tor, proliferation, norwe damage, so troke, farking of 3 sease, memory, abetes melitus, circadian clock, nearno guide, treatment, nervous systees.	ter, proliferation, never damage; so ter, proliferation, never damage; so trake, farking(% 3:87486, memry, abetes mellitus, circadian clock, marve guide, treatment; nervous systems.)	ter, proliferation, nere damage; enter, proliferation, nere damage; enter, proliferation, nere damage; enter, proliferation, 3 seaso, memory, abetes melitus; circadian clock, marro guido; treatment; nervous systems0500	try, proliferation; nerve demands; try, proliferation; nerve damage; truke, Farking.c.'s disease, memory, abbtes mellitus; circadian clock, nerve guide; treatment; nerveus systems.	try, proliferation, norweddamage, try, proliferation, norweddamage, werry, abbtes mellitus; circadian clock, nervo guido; trearment, norwous systems.	try, proliferation nerve damage; tryke, Parkinguly disease, memmy, abetes mellitus; circadian clock, n erve guide; treatment; nerveus syst	ter, proliferation, nerve damage; terke, Parkineration, 31sease, memory, abetes mellitus; circadian clock, retvo guide; treatment; nervous systems.

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Meanal coll adhesion melocule (MCAM) is a cellular adhesion molecule.

With in teach in three times, two of which are transmembrane forms, while the turned is attached via a lipid auditor to the cell medicate All three BYAM forms have in coll or lipid a chiral are numbered 1 to 5 from the 1 colins (3) domains). The 19 domains are numbered 1 to 5 from the 15 for that The present sequence represents a peptide which birds to the WAM (3) domain. The poptide can be used in a compound which birds to 10 from the 10 from the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NYAM, then if cell addression molecule, [4], inmanoalcollic domain i, neutric out-drowth promoter, proliferation, nerve damage, sclerosis; plant the application, of the Parkinson's discase, memory, schinophrenia, Alabemen's discase, the determination of the context meditage from the context meditage from the context meditage.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AMERICA Standard; popular,
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ZV TOBBIELON W
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Schoka V, Fallets I, Berezin V;
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RESULT 3 AAY88557

AAY88557;

AAY88557 standard; peptide;

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1 ACHEFRENIKA 11

Mutches Query Match

il Similarity

Conservative

98.9%; Score 48; DB 21; 90.9%; Fred. No. 0.024; tive 0; Mismatches 1

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DEAM is found in the firm, we fash that in religion in the control of the third is at all twist a ligid and to the cell membrane forms, while the third is at all twist a ligid and to the cell membrane. All three body in this is a trained and the cell membrane. All three body in the first all twist a ligid and to the cell membrane. All three body in the cell membrane is a ligid and the constant of the cell membrane. All three body in the central containing fire immunophobiling the body in the central containing a peptide which, tills in the ligidity in the companies and in applies of stimulating or promoting neutrino suggrowth of firm MTAM presenting tells, and its alway the promoting peptides which the peptide used in the identification of those binding peptides of which can be used in the compound may be used in the control of promoting cells. The compound may in particular be need to treat disease of the central and control damper in particular because the control on the central and control of strained may in particular because. Although the may disease, dementar, conditions resulting selected a strained with diabetes may also be treated with diabetes may also be treated with the centrol of the ground, promoting used in a positive may also be treated using the compound. The compound is call used in a positive may also be treated using the compound. The compound is call used in a positive may also be treated using the compound. The compound is
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(OSTE/) OSTEPGAARD S.
(JENS/) JENSEN P H.
(POUL/) FOULSEN F M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (PERE/) BEREZIN V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (MOLM/)
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RALETS I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HOLM A
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), Goroka V, Ralets I, Berezin
11 AA;
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CC NCAM forms have an extracellular structure consisting five immunoglobulin CC domains (19 domains). The 19 domains are numbered 1 to 5 from the CC N-terminal. The invention relates to a compound containing a peptide CC which binds to the NCAM 191 domain. The compound containing a peptide CC which binds to the NCAM 191 domain. The compound containing a peptide CC from NCAM presenting cells, and is also capable of promoting the organization. The compound may be used in the identification of those binding peptides which can be used in the compound. The compound may be used in the compound may in particular be used to treat diseases of the central and compound may in particular be used to treat diseases of the central and compound may in particular be used to treat diseases of the central and compound may in particular be used to treat diseases of the central and compound may in particular be used to treat diseases of the central and compound may in particular be used to treat disease, traumatic compound may in particular associated with diabetes mellitus, conditions affecting the muscles may also be treated with the compound, such as conditions associated with impaired function of neutromiscular commections (e.g. genetic or traumatic shock or anomals, pancreas conditions of the condads, pancreas
traumatic atrophic muscle disorders). Conditions of the gonads, pancrea e.g. diabetes melitus types I and II), kidney (e.g. nephrosis), heart liver and bowel may also be treated using the compound. The compound is used in a prosthetic nerve guide, and also to stimulate the ability to learn, and to stimulate the memory of a subject.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Neural cell adhesion molecule (NCAM) is a cellular adhesion molecule. NCAM is found in three forms, two of which are transmembrane forms, while the rhird is attached via a lipid anchor to the cell membrane. All three ways
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Compositions that bind neural cell adhesion molecules useful for treating disorders of the nervous system and muscles e.g. Alzhei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Example 5; Fig 7; 119pp; English
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) JENSEN P H.
) POULSEN F M.
SURDEA V.
) RALETS I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TJ
K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BEREZIN V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OLSEN M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HOLM A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WOODE TO BE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ecck E, Holm A, Olsen M, Osterg, Soroka V, Ralets I, Berczin V;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   980K-0001232.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      99%O-DK00500.
                                                                                                                                                     Conditions of the gonads, pancreas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Cstergaard S,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     e.g. Alzheimer's
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Jensen PH;
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RESULT 4
AAY88554
ID AAY8
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    Neural cell adhesion molecule (NCAM) is a cellular adhesion molecule. NCAM is found in three forms, two of which are transmembrane forms, while the third is attached via a lipid anchor to the cell membrane. All three NCAM forms have an extracellular structure consisting five immunoglobulin domains (Ig domains). The Ig domains are numbered 1 to 5 from the N-terminal. The invention relates to a compound containing a peptide which binds to the NCAM 1g1 domain. The compound binds to NCAM-1g1/j2 domain, and is capable of stimulating or promoting neurite cutyrowth from NCAM presenting cells, and is also capable of promoting the proliferation of NCAM presenting cells, and is also capable of promoting the control peptide used in the dentification of those binding peptides which can be used in the compound. The compound may be used in the treatment of normal, degenerated or damaged NCAM presenting cells. The
                                                                                                                                                                                                               Example 5; Fig 7; 119pp; English.
                                                                                                                                                                                                                                                        Compositions that bind neural cell adhesion molecules useful for treating disorders of the nervous system and muscles e.g. Alzheimer's
                                                                                                                                                                                                                                                and Parkinson's diseases -
                                                                                                                                                                                                                                                                                                        WPI; 2000-293111/25.
                                                                                                                                                                                                                                                                                                                                     Poulsen FM,
                                                                                                                                                                                                                                                                                                                                                   Ronn LCB,
                                                                                                                                                                                                                                                                                                                                                                                               (SORO/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               29-APP-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         23-SEP-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   06-APR-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (BOCK/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WO200018801-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     treatment; prosthetic nerve guide; treatment; nervous system
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  impaired myelination; stroke; Parkinson's disease; memory, sobicoph
Alzheimer's disease; diabetes mellitus; circadian clock; nephrosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NCAM; neural cell adhesion molecule; Ig1; immunoglobulin domain 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NCAM Ig1 binding peptide 117 used as a control peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                         (POUL/)
                                                                                                                                                                                                                                                                                                                                                                                                                                          (JENS/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                        (OSTE/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 neurite outgrowth promoter; proliferation;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        07-AUG-2000 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAY88554;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAY88554 standard; peptide; 11 AA
                                                                                                                                                                                                                                                                                                                                                                               (BERE/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (OLSE/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; 8661-das-h.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 ASKKAKRNIKA 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 ASKKPKRNIKA 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    10;
                                                                                                                                                                                                                                                                                                                                                                                             POULSEN F M.
SOROKA V.
RALETS I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                   OLSEN M.
OSTERGAARD (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BOCK E.
HOLM A.
                                                                                                                                                                                                                                                                                                                                                                                 BEREZIN V.
                                                                                                                                                                                                                                                                                                                                                                                                                                          JENSEN P H.
                                                                                                                                                                                                                                                                                                                                                   Bock E,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E. CB.
                                                                                                                                                                                                                                                                                                                                     Soroka V,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            98DK-0001232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       99WO-DK00500
                                                                                                                                                                                                                                                                                                                                                  Holm A,
                                                                                                                                                                                                                                                                                                                                  Ralets I,
                                                                                                                                                                                                                                                                                                                                  Olsen M, Oste
ets I, Berezin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 46; DB 21;
Pred No. 0 057;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                Ostergaard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 21; Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 nerve damage; sclercois;
                                                                                                                                                                                                                                                                                                                                                Jensen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              schizophrenia;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0;
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compound may in particular be used to treat diseases of the central and

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Markey Construction of the State of the Stat
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Example to Fig 7: 119pp English
                                                                                                                                            'espositions that bird rearal cell adhesion molecules useful for treating discretes of the privace system and muscles e.g. Alabeimen's
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WARABLESS!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAtsas on a tambani, popti by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Wilconstant A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              N'AM let brocker peptide 118 used as a control peptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               an stantidae;
                                                                                                                                                                                                                                                                                         WELL TO DESIGNATION
                                                                                                    and burkinson's diseases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Synchological
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (14 P. 1 4 4); 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 Allentarnien II
                                                                                                                                                                                                                                                                                                                                                                                    bin, BikB, BiltA, ShebM, Sate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2018/87/25/18/2011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         JENSEN P H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PALETS :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ROWEL B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BERKZIN V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ELSEN M
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                olet, score 42; Ub Li; Dength Li;
Histh; Fred. Mo. 0.32;
Tip: ", Microlither 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                      Cotethaatd S,
                                                                                                                                                                                                                                                                                                                                                                                                                                           Jensen PM,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                     Antigenic determinant populate(s) of HTFV envelope glyco-protein useful for detecting anti-HTLV-I and -II antibodies and as vaccine against HTLV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human T cell leukacmia virus; hydrophilio;
diagnosis; antibodies, gp46, mutant; gag;
                                                                                                              WPI; 1993-134125/16.
                                                                                                                                                            Haynes BF, Palker TJ
                                                                                                                                                                                                                                                        :1661-130-80
                                                                                                                                                                                                                                                                                                   17561-150-80
                                                                                                                                                                                                                                                                                                                                                                                               W09306843-A
                                                                                                                                                                                                                                                                                                                                                                                                                                        Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mutant HTLV-I residues 88-98, peptide 2L-1.1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       04-AUG-1993 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAR34247 standard; peptide; 11 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence
                                                                                                                                                                                                                                                                                                                                                 15-APR-1993.
                                                                                                                                                                                                        (UYEU ) UNIV DUKE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity 72.7
8, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  11 AA;
                                                                                                                                                                                                                                                                                                   47Wก-กรกัช4ก5
                                                                                                                                                                                                                                                        9105-0771553.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          56.7%;
72.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 36; DB 21; Length 11; Pred, No. 4.1; 1; Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; conjugate; aggregate;
T cell epitope.
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                                  This peptide antigen is derived from the mature C-terminal domain of human articular cartilage-derived morphogenetic protein-1 (CDMP-1, AAR95635), and has been used to generate polyclonal antibodies in rabbits. The peptide dies not show sequence identity with any other known protein, including bone morphogenetic protein. The resulting antibodies have been used to screen tissues from human embryos, to study differential CDMP gene expression. At 6 wk, CDMP-1 is detected in precartilage condensations, and at 7.5-8.5 wk CDMP-1 is found in cartilaginous cores of long bones. In areas of active cartilage degradation and bone matrix formation, CDMP-1 expression is also detected in the axial skeleton, and only low levels are present in other tissues. CDMP-1 is present in other tissues. CDMP-1 is present in a purified
formation and repair when combined with a matrix and implanted
                                                                                                                                                                                                                                                                                                                              New purified cartilage extracts and proteins - used to stimulate the development and repair of cartilage in vivo.
                       cartilage extract (claimed) which stimulates local cartilage
                                                                                                                                                                                                                                                                                               Example 7; Page 15; 34pp; English.
                                                                                                                                                                                                                                                                                                                                                                                            WPI; 1996-251714/25
                                                                                                                                                                                                                                                                                                                                                                                                                               Chang SC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    07-NOV-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         07-NOV-1994;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            17-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            To determine which amino acids within the HTLV-I envelope amino acids 88-98 were required for absorption of neutralising anti-peptide antibodies to HTLV-I, 11 peptides (2L1.1-2L1.11) were synthesised in which sequential amino acids were each replaced by the amino acid alanine. These 11 mutated poptides, as well as poptide 2L 1 boaring the native HTLV-I sequence were tested and identified that amino acids 90, 92, 93 and 95 were important for HTLV-I neutralisation.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                (USSH ) US DEPT HEALTH & HUMAN SERVICES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  W09614335-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human; antigen; cartilage-derived morphogenetic protein-1; CDMP-1; polyclonal antibody, rabbit, auticular cartilage, chondrogenic; vulnerary; implantation, chondromalacia; osteoarthritis; therapy;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Antigen pertide from cartilage-derived morphogenetic protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAR95642;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    --
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATKKPNEN 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        repair
                                                                                                                                                                                                                                                                                                                                                                                                                             Luyten FP,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    94WO-US12814.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 33;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 14; Length 11;
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AAY88556
ID AAY8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                       Ronn LCB, 1
Poulsen FM,
                                                                                                                                                                                                                                                                       (HOLM/)
                                                                                                                                                                                                                                                                                                                                                                                                                 neurite outgrowth promoter; proliferation; nerve damage; sclerosis; impaired myelination; stroke; parkinson's disease, memory, schilch. Alzheimer's disease; diabetes mellitus; circadian clock; nephrosis; treatment; prosthetic nerve guide; treatment; nervous system.
                                                                                                                                                     WPI; 2000-293111/25.
                                                                                                                                                                                                                                                     (OSTE/)
                                                                                                                                                                                                                                                                                                              29-APR-1999;
                                                                                                                                                                                                                                                                                                                       29-SEP-1998;
                                                                                                                                                                                                                                                                                                                                                             06-APR-2000
                                                                                                                                                                                                                                                                                                                                                                               WU200018801-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                       NCAM; neural cell adhesion molecule; Igl; immunoglobulin domain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NCAM Iql binding peptide 119 used as a control peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               07-AUG-2000 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAY88556;
                                                                                                                                                                                                      (BERE/)
                                                                                                                                                                                                                                           (JENS/)
                                                                                                                                                                                                                                                              (OLSE/)
                                                                                                                                                                                                                                                                                           (RONN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAY88556 standard; peptide; 11 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         in a mammal. The protein may be used in therapy of e.g. chondromalacia or osteoarthritis, to heal joint surfaces
                                                                                                                                                                                                                                   (POUL/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 repair cartilage after reconstructive surgery.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3 KKPKRNIKA 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3 KRPSKNLKA 11
                                                                                                                                                                                                      BEREZIN V.
                                                                                                                                                                                                                                                  OSTERGAARD S
                                                                                                                                                                                                               SOROKA V. RALETS I.
                                                                                                                                                                                                                                                              OLSEN M.
                                                                                                                                                                                                                                                                                          RONN
                                                                                                                                                                                                                                                                        HOLM A
                                                                                                                                                                                                                                                                                  BOCK
                                                                                                                                                                                                                                   POULSEN F M
                                                                                                                                                                                                                                           JENSEN P H
                                                                                                                                                                                 Bock E,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13 AA;
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                                                                                                                                                                       ock E, Holm A,
Soroka V, Ral
                                                                                                                                                                                                                                                                                         LCB.
                                                                                                                                                                                                                                                                                                             990K-0000592.
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                                                                                                                                                                       Olsen M, Ost:
ets I, Berezin
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Pred. No. 17;
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                                                                                                                                                                               Ostergaard S,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          joint surfaces, or to
                                                                                                                                                                                Jensen PH;
                                                                                                                                                                                                                                                                                                                                                                                                                                     schizyhrenia;
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Neural cell adhesion molecule (NCAM) is a cellular adhesion molecule. NCAM is found in three forms, two of which are transmembrane forms, while the third is attached via a lipid anchor to the cell membrane. All three NCAM forms have an extracellular structure consisting five immunoglobulin domains (Ig domains). The Ig domains are numbered 1 to 5 from the N-terminal. The invention relates to a compound containing a peptide which binds to the NCAM Ig1 derain. The surpound is a neurite outgrowth from NCAM is capable of stimulating or promoting neurite outgrowth from NCAM is capable of stimulating or promoting neurite outgrowth

Example 5; Fig 7; 119pp; English.

and Parkinson's diseases

treating disorders of the nervous system and muscles e.g. Alzheimer's Compositions that bind neural cell adhesion molecules useful for

from NCAM presenting cells, and is also capable of promoting the

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Larry Marticle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         and achizophrenia. Funditions affecting the muscles may also be treated with the compount, such as conditions associated with impaired function of neuroensental competitions (4.9, genetic or treatment eshock or formation at roph. Social discretes). Sudditions of the genals, pancroas for dishered mallitude types I and II), thency (e.g. neghrosis), heart, then and howel may those productions and also to stimulate the ability to be fine a prescript of the genery of a subject.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   responding in particular be used to treat discusses of the central and perspect to network to perspect to perspect a superation of the perspect to the discusses of the resulting from a stroken business of discusses. Although the discusses dementias, solven size perspectively the perspect of accordance with discusse modification accordance with discusses modifications.
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                                               the present invention relates to a method for determining the presence of neopositio molecular sankers in a bost, involving the use of neopositic males are specific respents to detect such markers and analysing the intro of tempets, allowing the identification of the neoplastic fiscure present. This can be used to determine the best treatment for
                                                                                                                                                                                                                                                                                   Letermining the presence of neoplastic molecular markers, by about dying the presence of markers in bost test cample using array of neoplastic value also backer specific reagents and analyzing the array of the real-points.
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                                                                                                                                                                                                                          Example 4; Page 10; 41pp; English.
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ribrers, in particular beural cell, lung and prostate tumours. The present or person is a popule derived from a transcription fifter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FINAL CHAININGS COMMENTS
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replications.
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Pred. No. 52;
D, Mismatches
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RESULT 11
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                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            acids AR-98 were required for absorption of neutralising anti-peptide antibodies to HTLV I, 11 peptides (211.1 211.11) were synthesised in which search in influent acids were each replaced by the amino acid alanine. These II mutated peptides, as well as peptide 21.1 bearing the native HTLV-I sequence were rested and identified that amino acids 90, 22, 23, 25 were important for HTLV-I neutralisation.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Antigenic determinant peptide(s) of HTLV envelope glyco:protein useful for detecting anti-HTLV-1 and -IV antihodies and as vaccine against HTLV
AAR34248 srandard; peptide; 11 AA
                                                                                                                                                                                                                                                                                                                                                                                                Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPI; 1992-134125/16.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Haynes BF, Palker TJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     08-00T-1991;
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diajossis, antibodies, gp46, muhann, gug, T cell epitope.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        To determine which amino acids within the HTLV-I envelope amino
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (UYDU-) UNIV DUKE
                                                                                                                                                                                                                                                                                                       Local
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                                                                                                                                                                                                 2 SEKTEEN 8
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                                                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                                                       Score 29; DE
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AAR 24248;

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AAR34255
ID AAP
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                                                                                                                    Human T-cell leukaemia virus; hydrophilic; conjugate; aggregate; dingnosis; antibodies, gp46, mutant, gag; T cell epitope.
                                                                                                                                                                                                                                                                                                                                                                                                           To determine which amino acids within the HTLV I envelope amino acids R8-98 were required for absorption of neutralising anti-peptide anti-hodies to HTLV-I, 11 peptides (2L1.1-2L1.11) were synthesised in which sequential amino acids were each replaced by the amino acid alanine. These il mutated peptides, as well as peptide 2L 1 bearing the native HTLV-I sequence were tested and identified that amino acids 90, 92, 94 and 95 were important for HTLV-I neutralisation.
         08-0CT-1991;
                                                         15-APR-1993
                                                                                                                                                           Mutant HTLV-I residues 88-98,
                                                                                                                                                                                                           AAR34255
                                                                                                                                                                                                                               AAR34255 standard; peptide; 11 AA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human T-cell leukaemia virus; hydrophilic; conjugate; aggregate; diagnosis, antibodies, graf, murant; gaq; T cell epinopo.
                                 08-0-71-1992:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Haynes BF, Palker TJ,
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S: Conserv
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                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                 Score 29; DE P: 41 11 - 80,
                                                                                                                                                           peptide 2L-1.9.
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RESULT 13
AAR34256
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To determine which amino acids within the HTLV-I envelope amino acids 88-98 were required for absorption of neutralising anti-peptide antibodies to HTLV-I, 11 peptides (2L1.1-2L1.11) were synthesised in which sequential amino acids were each replaced by the amino acid alanine. These 11 mutated peptides, as well as peptide 2L-1 bearing the native HTLV-I sequence were tested and identified that amino acids 90,
                                                                                                                                Antigenic determinant peptide(s) of HTLV envelope glyco:protein useful for detecting anti-HTLV-I and -II antibodies and as vaccine against HTLV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        To determine which amino acids within the HTLV-I envelope amino acids 88-98 were required for absorption of neutralising anti-peptide artibodies to HTLV-I, 11 peptides (21.1.1-21.11) were synthesised in which sequential amino acids were each replaced by the amino acid alanine. These 11 mutated peptides, as well as peptide 2L-1 beating the native HTLV-I sequence were tested and identified that amino acids 90, 92, 93 and 95 were important for HTLV-I neutralisation.
                                                                                                     Example 7; Page 32; 50pp; English.
                                                                                                                                                                                             WPI; 1993-134125/16.
                                                                                                                                                                                                                       Haynes BF,
                                                                                                                                                                                                                                                                                   08-0CT-1991;
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                                                                                                                                                                                                                                                                                                                                                                                                                              Human Thoell leukaemia virus, hydrophilic, conjugato, aggregate, diagnosis, antibodies, gp46; mutant, gag, Thoell opitore
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mutant HTLV-I residues 88-98, peptide 2L-1.10.
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             AAYAHIDS standard; Pertiber 9 AA
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New absociation AARB4225 57.
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hi-posis, intub-sh-e, g-46, mutant, gad, T cell epitope.
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The property of the problem of the form of the general bound comparide the problem of the strength of the peptide from the form of a peptide from the strength of the strength of the lifetimes. The poptides are therefore useful therapeutically furnated configurations. The poptides are therefore useful therapeutically bumans? Comparides the poptides are therefore useful therapeutically bumans? Comparides the poptide sate therefore useful therapeutically bumans? Comparides the poptides are therefore to a soful therapeutically bumans? Comparides the poptides are therefore to block and minutume response in the problem of the period of the p
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    New immunogenic peptides with HLA binding motif, useful in treatment and diagnosis of cancers and viral diseases {\cal C}_{\rm c}
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Pred. No. 4.9e+02;
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Pred. No. 4.7e+02;
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Alterian 339153 (Assubayashi, T.) Sugita, M.; Sugiura, M. Plant Mol. Biol. 22, 767-774, 1993 (Assubayashi, T.) Sugita, M.; Sugiura, M. Plant Mol. Biol. 22, 767-774, 1993 (Assubayashi) Assubation of chloroplast elongation factor The Assubayashi (Assubayashi) (Assubayas
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Biochemistry 28, 6531 6539, 1989
A;Title: Heparin-binding lectin from human placenta: purification and
A;Reference number: A32971, MMID 90001207, FMID 2790011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C;Accession: $22995
R,Ziogolin, G.; Pansegrau, W.; Strack, B.; Balzor, D.; Kloogor, M.; Eruft, V.; Lanka, B.,
DRA for 1, 303-327, 1991
A;Tille: Mucleutidu sequence and organization of genes flanking the transfer origin of pr
A;Reference number, 2029/2, MUIS-921/2549, IMID-1668997
A;Accession: $22995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  *ranglation wloogation factor EF-To, chloroplast common tobacco (fragment
CoSpecies: Micotiana 'Abacum (common tobacco)
Coloto (07-Apr-)344 #sequence revision of Apr 1334 #toxt change 05 Dec 1997
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A;Molecule type: protein
A;Residues: 1-15 <KOH>
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0;Species: Escherichia coli
0;Species: Tipe-1341 #x-pecies_revision TO Esg 1774 #rv-t_change D8-Cor-1988
                                                                                                                                                                                                                                                       A;Molecule type: protein A;Rosiduos. I 18 <MUR>
C;Superfamily: translation elongation factor Tu; translation elongation C;Superfamily: translation elongation factor Tu; translation elongation C;Feywords: dhirtylast, GTF binding, protein biogynthesis
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C;Species: Homo sapiens (man)
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A;Start ::don: TD
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A; Pesidues: 1-13 <ZIE>
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                                                             Query Match 42.6%;
Best Local Similarity 71.4%;
Matches 5; Conservative
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Best Local :
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Best Local Similarity 71.4%;
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Similarity 66.7%;
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                                                                   ; Score 23; DB;
; Pred. No. 6.7e
0; Mismatches
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Pred. No. 4.9e+02;
2; Mismatches 0; Indels
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Pred. No. 5.6e+02;
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. 6.7e+02; Indels
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A/Status: preliminary; translated from GB/EMBL/DDBJ A,Molecule type: mENA A,Molecule type: mENA A,Molecule type: mENA A,Molecule type: mENA A,Fross : wferences. JE.E.Jobbs, NID.gl63534, PID.;AAA60708.1; PID.gl63534 A) Fross : wferences. JE.E.Jobbs, NID.gl63533, PID.;AAA60708.1; PID.gl63534 C;Superfamily: cAMP-dependent protein kinaso regulatory chain, cAMP receptively professions of the composition of the com
                                                                                                                                                                                                                                                                                                                                                                                        C;Accession: 145957

R;Lee, D.C.; Carmichael, D.F.; Krebs, E.G.; McKnight, G.S.

Proc. Natl. Acad. Sri U S A PA, 3608-3612, 1983

A;Title: Isolation of a cDNA clone for the type I regulatory subunit of hovine cAMP-depe A;Refutence number: 145957; MUID:83221645, PMID:6190178

A;Accession: 145957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  protein kinase (EC 2.7.1.37), cAMP-dependent, type I-alpha regulatory chain - hovine (fic/Speciles: Bos primigenius taurus (cattle)
C:Date: 21 Pt. 1997 #sequence_revision 21-Feb-1997 #text_change 18-Jun-1999
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()Species: Arabidopsis thaliana (mouse-ear cress)
()Date: 07-Feb-1096 #sequence_revision 19 Apr-1996 #text_change 06-Jun-1997
()Ancession: PT0082
R:Teugifa, A ; Famo, M.; Kawakami, M., Ohki, Y.
submitted to JIPID, December 1995
A;Description: Two dimensional electrophoresis of plant proteins and standardization
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A;Residues: 1-15 <TSUs
A;Experimental state: leaf
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A;Accession, PT0082
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A.Title: Sequence analysis of the Streptococcus mutans fructosyltransferase gone and fla
A.Reference number, Arisis, Mail Mailising, EMID.1888315
A.Accession: D28551
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C;Date: 08.Mar-1989 #sequence_revision 08-Mar-1989 #text_change 15-0ot-1999
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Best Local :
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40.7%;
Fred. No. 1.1e+03;
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Pred No 8.7e+02;
                                      Score 22;
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    Mismatches

                                           DB 2;
                                 Length 19;
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P:Marsushita, S: Fatz, D.H.
Cell Immunol. 137, 252-259, 1991
A;Title: The murine epsilon receptor modulating protein: a novel serine protease which as A;Peforence number. AG1220, MUID:31356570, EMID:1679381
A;Accession: A61220
A;Molecule type: protein A;Residues: 1-18 <MAT>
                                                                                                                                                                  C;Accession: A61220
                                                                                                                                                                       C:Date: 03-May-1994 #sequence_revision 03 Ma; 1994 #text_change 2: Mai-1996
                                                                                                                                                                                                           epsilon recoptor modulating protein (ET 9.4.21. C:Species: Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              C:Accession: PX0031

R:Shinomiya, T : Ohara, T :: Wada, N : Omori, A :: Kamada, N 
J : Biochem. 107, 435-439, 1990
                                                                                                                                                                                                                                                                                        RESULT 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A; Molecule type: protein
A; Residues: 1-15 < SHI>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    mixed lymphocyte reaction inhibitor - rat (fragment)
(Species: Pattus norvegicus (Norway rat)
C:Date: 31-Dec-1990 #sequence_revision 31-Dec-1990 #text_change 24:Feb 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 C; Keywords: lymphocyte
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A:Title: Rat liver arginase suppresses mixed lymphocyre reaction A:Reference number: PX0031: MUID:90256720, FWID.2140355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              A; Experimental source: liver
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      A; Accession: PX0031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        В
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ArCross-references: GB:AP901510; GB:EA000004, MID gloin1440; SICHLEAD2475111; 30518.08001
ArExperimental source: strain C-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           A; Molecule type: DNA
A; Residues: 1-14 <STO>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PyTakami, H.: Makasane, K.: Takaki, Y.: Maeno, G.: Rasaki, P., Misi, N., Euli, I., Hira Nucleac Acids Res. 28, 4217-4331, 2000
A;Title: Complete genome sequence of the alkaliphilic bactorium Bacillus halodurans and A;Peference number. A83750, MUTD COLLERS; EMIE.IIISELL.
A;Accession: H83778
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            hypothetical protein BH1032 [imported] - Bacillus halodurans (strain C 125) c/Species: Bacillus halodurans C:Date: 01-Dec:2000 #sequence_revision 01-Dec:2000 #text_change it Jun 1301 changemins up3970
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80.0%; Pred. No. 1.4e+03;
0: Mismatches 1; Indels
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80.0%;
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Pred. No. 1.3e+03;
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The beamount: This sprine proteinase from a Tobil hybridoma does not reduce levels of CD23
(Encywords: hydrolase; sector proteinase

Derry Match

Host local Similarity 45.5%; Prod. No. 1.6e.03;

Host local Similarity 2, 45.5%; Prod. No. 1.6e.03;

Host local Similarity 2, 2, Mismatches 4, Indels 0; Caps 0;

Matches 5, Conservative 2, Mismatches 4, Indels 0; Caps 0;

Matches 10, 100 protein protein protein (clone 10) - rat (fragment)

Toblit receptor beta chair V D J region (clone 10) - rat (fragment)

Toblit receptor beta chair V D J region (clone 10) - rat (fragment)

Toblit receptor beta chair V D J region (clone 10) - rat (fragment)

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Toblit receptor beta chair V D J region (clone 10) - rat (fragment)

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Result
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Maximum DB seq length: 20
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Gapop 10.0 , Gapext 0.5
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44.4%; Score 24; DB 1;
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Query Match 37.0%; Score 20; DB 1; Length 8; Best Local Similarity 100.0%, Fred. No. 1.1e+05; Matches 4; Conservative 0; Mismatches 0; Indels
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LHMINTAN (VII. 2011) S. The CMICS FEST data bush.

CMIALYTIC ACTIVITY: AFF. 1 phresphe D glycotate x ADP + 3 phresphe-D-glycotay phresphete.

PARTHMAN: Second phase of physiolasis; second step.

PROPRIEM M. That Speck.

STROFTHIMAR LOCATION. Cytoplushic.
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16-0071-2001 (Rel. 40, Created)
16-0071-2001 (Rel. 40, Last sequence update)
15-JCN-2602 (Rel. 41, Last annotation update)
Phosphoglycerate kinase (EC 2.7.2.3) (Fragment)
                                                                                                                                                                                                                              STRAIN=VPB 3492; FibMod=10721616; MFPLIBUE-Min4492; FibMod=10721616; MPPLIBUE-Min4492; FibMod=10721616; Mintig the fibral strain and the fibral strain and the following strain and strain 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   44 kDa immunogenic protein (Fragment).
Elribyromons gingivalls (Bacteroides gingimalis).
Bacteria; Bacteroidetes; Bacteroides; Bacteroidales;
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NCBI_TaxID.837;
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PROSITE; PS00111; PGLYCEPATE_KINASE; PAPTIAL.
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                                                                                                                                       95646404760<u>B476</u>D (BC64)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 21; DB 1;
Pred. No. 5.3e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mishatches
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      ា; Indels
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STACE CALL STATE AND STATE
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15-JUL-1998 (Rel. 36, Created)
15-JUL-1998 (Rel. 36, Last sequence update)
15-JUL-1998 (Rel. 36, Last sequence update)
15-JUL-2998 (Rel. 37, Last annotation update)
Cold shock protein CSIS (11 kDa cold shock protein) (Fragment).
Bacillus subtilis.
Facilities Commissiones Bacillales, Bacillaceae, Bacillus
              "Structural studies of malate dehydrogenases (MDHs): MDHs in Brevundimonas species are the first reported MDHs in Proteobacteria which resemble lactate dehydrogenases in primary structure.";

--- CATALVTIC ACTIVITY: (S)-malate + NAD(+) - exaleacetate + NADH.
--- SIMILAPITY: BELOWIS TO THE LCH FAMILY MCH SUSFAMILY.

InterProj Ipponics; MCH NAPTIAL

PROSITE: PROSOCES; MCH NAPTIAL

Oxidity dictase, Tritaltxylic acid cycle, NAD

NCW TEE
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Graumann P I Schmid P
Graumann P I Schmid P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Anidovorax delafieldii
Bacteria, Protechanteria,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MDH.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOH_ACIDE STANDARD; PRT; 17 AA. PR0540; C1-FEB-1996 (Rel. 3), Created) O1-FEB-1996 (Pel 3), Last segmence update) 16-00T-2001 (Pel 40, Last annotation update) Malate dehydrogenase (EC 1 1 1 37) (Fragment)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BACSU
SEQUENCE
                                                                                                                                                                                                                                                                                              Charnock C
                                                                                                                                                                                                                                                                                                                     MEDLINE-97334132; FubMed-9190829;
                                                                                                                                                                                                                                                                                                                                              STRAIN-COUG 12929;
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17 AA, 1662 MW, 110E8111A516909E CRC64,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 11 AA; 1360 MW;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   37.0%; Score 20; DB 1; Io
100 0%; Fred Mn 4 ceio;
tive 0; Mignitibes 0;
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he SWISS-ppor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  11 AA
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RESULT ALL STREET AND ALL STREET AND
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Best Local :
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Best Local Similarity
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MEDLINE_97077345, FukMed_8912912,

MEDLINE_97077345, FukMed_8912912,

Wanach L , Kruft V , Schmitz H K , Braun H P ;

"New insights into the composition, molecular "ass
"New insights into the composition, molecular "ass
"New insights into the composition, molecular "ass
"See insights into the composition of the protein composition of plant dischange in the composition of the protein composition of the protein composition of the protein composition of the protein composition of the composition of the protein compos
allatostatin superfamily in the shore orab Carcinus maenas.", Eur. J. Blochem. 250:727-734 (1997).

FUNCTION: MAY ANT AS A NEIPEMPANAMITTED OF NEUPEMPOULATOR OF SIMILABITY. PELONISS TO THE ALLATOSTATIN FAMILY.

SIMILABITY: PELONISS TO THE ALLATOSTATIN FAMILY.

HOURD DEC 19 19 MILABITION (POTENTIAL).

SEQUENCE 19 AA, 2015 MW; 353111208160AE27 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TISSUE=Cerebral ganglion, and Thoracic ganglion;
MEDLINE=98121193; FubMed=9461298;
Pive H , Johnsen A.H , Maestro J. L., Scott A.G., Jaros P.P.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota: Metaroa; Arthropoda; Mandibulata; Pancrustacea; Crustacea;
Malacostraca; Eumalacostraca, Eucarida, Decapoda, Fleocyemata;
Biachyura, Eubrachyura; Fortuncidea, Portunidae; Carcinus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AL13_CARMA STANDARD, PRT, 18 AA. P81816.
30 MAY-2000 (Rel. 39, Created)
30-MAY-2000 (Rel. 39, Last sequence update)
30-MAY-2000 (Rel. 39, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Solanum tuberosum (Potato).
Eukaryota; Viridiplantae; Streptophyta, Embryophyta, Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Asteridae; euasterids I; Solanales; Solanaceae; Solanum.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Carcinus maenas (Common shore crab) (Green crab).
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01-FEB-1996 (Pel. 33, Last sequence update)
01-NOV-1997 (Rel. 35, Last annotation update)
Unidentified mitochondrial matrix protein (Fragment).
                                                                                                                                                                                                                                                                                                                                                                                                                                  Thorpe A.
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                                                                                                                                                                                                                                                                                                                                                                                "Isolation and identification of multiple neuropeptides of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NCBI_TaxID=6759;
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16 AA;
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80.0%;
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Pred. No. 7c+02;
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MEDITME X J.L., BRONCH J.M., BROKIS Q.D., Downnowy E., Grencis R.K.,
BRONC R.B., Joshuck J.M., Scikirk M.E., Zhan Y., Moyer D.J.,
Bronce R.B., Joshuc Louis and characterization of L deparate mothly ester
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"Bupod purification and characterization of L deparate mothly is con-
sparallar. Thickness mass and Hargia pashaper.",
Browtherm J. 450-450 498 (1998).
I FOR TION TRAIT MEDITAL BY ERRE FATTY ACTOL AND HARMATIN.
I MEGOTICAL HELMELTER. MIS. TO THE MIF FAMILY.
                                                                                                                                                                                                                                                                                                             Dikaryita, Metamaa, Sa
Marmadia, Butheris, Se
Bayidae, Boyinae, Basa
Curi wa Yangaya
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Bikuryota, Metarad Nematoda, Bnoplea,
Trichine'didae, Trichine'da.
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15 JUL 1199 (Red. 34, Last organic update)
15 JUL 1199 (Red. 34, Last ornotation update)
15 JUL 1201 (Red. 46, Last annotation update)
15 July achieve methyl contribution transcribe (Macrophage migration inhibitory-
tect or homology (Engrephi)
THEFTH LARRY MALLEY PRIMARED 84/5399;

WHITTHE 9444/416; Prindword 84/5399;

Whather A K.E. Cottworth B.J.;

"Bround 14 for anyly pyrich by Prinduces Prindignation and of the other notes of Copyrion restriction to other a demandration constraint to the a demandration beautiful for the other constraint.
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our (Acylaminescry) poptidase) (Fragment).
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%fortiodactyla; Rumanantia; Pecora; Bovolde
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; Pred. No. 1.2e+0
); Mismatches
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RESULT 13
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30-MAY-2000 (Rel. 39, Created)
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30-MAY-2000 (Pel 39, Last annot
300 ribesomal protein S19 (Fragn
RPSS OR RPS19.
Clover proliferation phytoplasma
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01-00T-1994 (Rel. 30, Created)
01-00T-1994 (Rel. 30, Last sequence update)
15 3UN 2002 (Rel. 41, Last annotation update)
Cytthropholishase Filyeptide VIII lives/beart (EC 1.9.3.1)
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NON_TER
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SEQUENCE
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Freshold F., Kadenkach B.;

Submitted (MAP-1994) to the SWISS-BROW data hank.

1 CONCTION. THIS ENCIETY IS ONE OF THE MUCLEAR COURSE FOLKPEPTIDE CHAINS OF DITCHERME COURSE. THE TERMINAL OXIDADE IN MITOCHOURSTAL ELECTRON TRANSPORT.

1- CAMENTIC ACTIVITY: 4 Celtic-ytochlome d. 0(2) 4 ferricrytochlome c. 2 H(2)0.
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    -:- SIMILAPITY: BELOWIS TO THE CYTOCHEOME C OXITWSE Oxidoreductase; Mitochondrion.
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Eukaryota Motaroa, Chordata; O
Mammalia, Euthoria: Lagomorpha;
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-i- sugunii: HomoTeirampp.

-i- SIMILARITY: BELONGS TO PEPTIDASE FAMILY

PIR; S36842; S36842.

InterPro; IPR002471; Prol_endopep_ser.

PROSITE: PS00708; PRO_ENTOPEP_SER; PARTIAL.
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Chrydota, Oraniara, Vo.
Comorpha, Leporidae, O
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Pred. No. 1.3e
1; Mismatches
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    Mismatches

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Fred W-1 2.26+02.
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proliferation phytoplasma

(Fragment) sequence update)

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J. Bacteriol. 176-5244 5254 (1994).
J. FUNCTION PROTEIN SIM FURNE A COMPLEX WITH SIM THAT BINGS STRONGLY TO THE 16S PIECSOMAL BNA (BY SIMILARITY).

TO THE 16S PIECSOMAL BNA (BY SIMILARITY).
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305 ribosomal protein S19 (Fragment).
RESS OF EPS19
                                                                                                                                                                                                                 the European Bioinformatics Institute. The use by non profit institutions as long modified and this statement is not removed.
EMBL; L27027; AAA83944.1; -. Interpro; TPP002227; Fitosomal_S19; PARTIAL.
                                                                                                                                                                                                                                                This SWISS-PROT entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the EMBL outstation the European Bioinformatics Institute. There are no restrictions on its by non-profit institutions as long as its content is in no way
                                                                                                                                       entities requires a license agreement (See http.//www.isb sib.ch/announce/or send an email to license@isb-sib.ch).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDLINE 94350802;
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Loofah wirches'-broom phytoplasma.
Loofah wirches'-broom phytoplasma.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            048878;
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TO THE 16S RIBOSOMAL RNA (BY SIMILARITY).
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Search completed: March 20, 2003, 09:41.33 Job time : 14 secs

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AC P80978;
AC P80978;
DT 01:NOV-1997 (Rel. 35, Created)
DT 01:NOV-1997 (Rel. 35, Last sequence update)
DT 01:NOV-1997 (Rel. 35, Last annotation update)
DT 01:NOV-1997 (Rel. 35, Last annotation update)
DE Cytochrome c oxidase polymentide VIC-2 (EC 1.9.3.1) (Fragments).
OS Thunnus obesus (Bigeye tuna).
OS Thunnus obesus (Bigeye tuna).
CC Enkaryota; Metazoa; Chordaha; Craniata, Vertebrata, Enteleostei; Noteleostei; CC Acanthomorpha; Acanthopterygii; Teleostei; Enteleostei; Meoteleostei;
CC Acanthomorpha; Acanthopterygii; Percomorpha, Perciformes; Syumbroidei;
CC Acanthomorpha; Acanthopterygii; Percomorpha, Perciformes; Syumbroidei;
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-1- CATALYTIC ACTIVITY: 4 ferrocytochrome c + 0/2) 4 ferricytochrome
                                                                                                                                                                                                                                                                                                                                                       MEDLINE=97454291; PubMed=9310366;
                                                                                                                                                                                                                                                                                                                             Kadenbach B.;
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                             2 SKKP 5
7 AKKP 10
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75.0%;
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                                                                2054F0 PRELIMINARY, PRT, 15 AA. (2054F0)
(1-MAY-2000 (TrEMBLrel 13, Created)
01-MAY-2000 (TrEMBLrel 13, Last sequence update)
01-CTH-0000 (TrEMBLIS) 21, Last sequence update)
Formate dehydrogenase gamma subunit (Fragment)
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O9TWR3;

O1-MAY-2000 (TrEMBLrel. 13, Created)

O1-MAY-2000 (TrEMBLrel. 13, Last sequence update)

O1-JIN-2000 (TrEMBLrel 14, Last annotation update)

Histone H1 (Fragment).

Trypanosoma cruzi.

Eukary-ta, Eugle-32-4, First:plastida, Trypan-semant

MCBI_TaxID=5692;
          Desulfovibrio vulgaris.
Pasteria, From harteri
Chesifovikrio.
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Tore G C , Galanti N , Hellman U., Wernstedt C.;
"Unambignous identification of histone H1 in Trypanosoma cruzi.";
T Cell Blockem 52 441-43011933;
SEQUENCE 17 AA; 1820 MW; AL1980052D8E0075 CP084;
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2; Mismatches
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MESTIME 01.50921; FutMot 9.41186;
MESTIME 01.50921; FutMot 9.41186;
Moverny W.F., Matti T., Mehta R.L., Milner P.G.;
Moverny W.F., Matti T., Mehta R.L., Milner P.G.;
"Thentification of novel beparin releasable proteins, as well as the "Thentification of novel beparin plasma.";
"The decomposition of plasma.";
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Rokuryota, Metazoa, Chichita,
Mammudia, Butheria, Primateo,
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Similarity 57.1%; Brod. No. 5.66492;
4; Sossorritivo 2; Mismatches 1;
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50.6%; Pred. No.
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3, Mismatches 2, Indels
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i, Hominidae, Homo.
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Ellhum, Eilhys, Res. Commun. 185,224-230(1992).
SEQUENCE 19 AA; 2740 MW; (198A,45Enwerman commun.
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Eukaryota; Motaron; Chordata; Craniata; Vertebrata;
Mammalia; Entheria; Cetariodactyla; Suina; Suidae;
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01-MAY-2000 (TrEMBLrel 13, Last sequence update)
01-JUN-2000 (TrEMBLrel 14, Last annotation update)
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SEQUENCE 17 AA; 1925 MW; 4428088881417ADD: 08064;
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Takamarsu H , Inch M , Kimura M ,
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GUENCE 17 AA; 1978 MW; 524718BEFD417ADD CRC64;
                                                                                                    3 KKPKENIK 10
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37.5%;
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27.58; Ered Mo. 9.6e+02;
1. Mismatches 1; Indels
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Fred. No. 9.7e+02;
4; Mismatches 1
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"The tortolk and the late choosing between noncoding plastome and nonlinear All sequences in phylogeneous transfer in it as newedly diverged plant group.";
Am. J. Bot. 85:1301-1315(1998).
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01-DEC-2001 (TrEMBLrel. 19, Created)
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Desmocollin 2 (Fragment).
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Mammalia, Euthoria, Perissudactyla, Equidae, Equus.
MORI_TaxID:4796,
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Eukinyota, Motarra, Chridata, Cianlaia, Verteliata, Eurole
Mammalla, Butheria, Primates, Catarrhini, Hominidae, Homo.
NCRI_TaxID=9606;
Vituses, ASTMA VI
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Shibirowski D.M., Webra D.J., Druglass O.C., D
Tallymot(bism,idoorification within so ogidos
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01-MAY-1909 (TYEMRIZE) N0, Last annotation
Dystrophin profein (Fragment).
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Anim Genet 12-78 79/2001).
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MILLING LEBROSAS, EnhArd-12618230,
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Checusent and the epilemicologic patterno of polyomaticuses in buman
populations by studying their presence in urban sewage.";
populations Million Michael 1. 66.238-245(2000).
EMBCL AFILLION, AAFI A. 76.11;
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MAME: WILSON, MARY J.
PSILETRATION MOMBER: 12,355
REFERENCE/DOCKET NUMBER: 1579-43
ISLAC AMPLICATION INF EMATION:
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APPEL AND HAYNES, MARTON E.
TITLE OF INVENTORS: 46
NUMBER OF SEQUENTES: 46
*MARTHER READABLE FORM:

MELLIM TYPE: Floggy disk

*MELLIM TYPE: Floggy disk

*MELLIM TYPE: Floggy disk

**MELLIM TYPE: Floggy disk

**PERATIN: SYSTEM: F'los/MS bus

**SOSTWARE: Futton in Reloase #1.0, Version #1.25

**CREENT APPLITATION GATA:

**ALICITATION TYMEST: TS./19/116,723
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                                                                                     US-08-116-733-39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 53.7%; Score 29; DB 1; Length 11; Rest Local Similarity 71.4%; Pred. No. 27; Matches 5; Conservative 1; Mismatches 1; Indels
Best Local Similarity 71.
Matches 5; Conservative
    Matches
                                        Query Match
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TELEX: 200797 MIXN UR
THELEXITY FOR SEC IT NO. (SEQUENCE CHARACTERISTICS:
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CLASSIFICATION: 435
ATTORNEY_AGENT INFORMATION:
NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32-955
REFERENCE/FOOTET NUMBER: 1579
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                            TELEFAX: (703) 816-4100
TELEX: 200797 NIXN UB
MATILU FIF SEL II NI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-FuS/MS.TuS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: PAINEE, Thomas J.
APPLICANT: HAYNES, Barton F.
TITLE OF INVENTION SYNTHETIC PEPTIDES
                                                                                                                                                                                                                                                                             NAME: WILSON, MARY J.

PEGISTRATION WITHER 22,955

PEGERNTE/TRINET NUMBER: 15

TELECOMMUNICATION TUPGEMATION:

TELEPHONE: (703) R16-4000
                                                                                                    LENGTH: 11 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                            SEQUENCE CHAPACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/116,733
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
ALIGNREY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 11 amino
TYPE: amino acid
TOFOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: ARLINGTON STATE: VIRGINIA
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STREET: 1100 NORTH GLEBE ROAD
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22201-4714
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53.7%; Score 29; EB 1; Length 11; 71.4%, Fred. No. 27; tive 1; Mismatches 1; Indels
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// Sequence 41, Application US/08116733
// Patent No. 5516632
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Patent No. 5516632
PRICANT: PALKER, Thomas J. APPLICANT: PALKER, Thomas J. APPLICANT: HAYNES, Barton F. TITLE OF INVENION. SYNTHETIC PEPTIDES OF SEQUENCES: 46
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STREET: 1100 N.PTH CLERT FLACTORY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201.4714
COMPUTER REAGABLE FORM:
MEDIUM TYPE: Flappy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
TELEX: 200797 NIXN UR
INFORMATION F-E SEC 10 No. 40:
SEQUENCE CHAPACTERISTICS:
LENGTH: 11 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
ATTORHET/ASSENT INFORMATION:
NAME: WILSON, MARY J.
PEGISTRATION NUMBER, 32,955
PEFFPENCE/POOPET NIMPER: 157/
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIET : 07-SFD-102

CLASSIET : 07-SFD-102
                                                                                                                                                                                 APPLICANT: PALKER, Thomas J.
APPLICANT: HAYNES, Barton F.
TITLE OF INVENTION. SYNTHETIC PEPTIDES
NUMBER OF SEQUENCES: 46
ADDRESSEE. MERCHESS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS
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Local Similarity 71.4%; Pred. No. 27
                                                                                                                                                  ADDRESSEE: NIXON & VANDERHYE P.C
STREET: 1100 NOPTH GLEFF FOAD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                VIRGINIA
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1100 NORTH GLEBE ROAD
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US-08-116-733-30
                                                            REFERENCE/DOCKET NUMBER: 1579
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4100
TELEFAX: (703) 816-4100
TELEX: 200797 NIXN UR
INFORMATION FOR SEQ ID NO: 30.
SEQUENCE CHARACTERISTICS:
LENGTH: 13 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; MOLECULE TYPE: peptide US-08-116-733-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-116-733-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (703) 816-4000
TELEFAX: (703) 816-4100
TELEX: 200797 NIXN UR
INFORMATION FOR SEQ ID NO: 41:
                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

OPERATING SYSTEM: PC-DOS/MS-DOS
           MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: PALKER, Thomas (TAPPLICANT: HAYNES, Barton F. HAYNES SYNTHETIC PEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORPESPONDENCE ADDRESS:
ADDRESSEE: NIXON & V
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ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J
REGISTRATION NUMBER: 32,9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: ARLINGTON STATE: VIRGINIA
                                                                                                                                                                                                                 REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A. ZIF. 22201 4714
                                                                                                                                                                                                                                         NAME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET
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TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/116,733 FILING DATE: 07-SEP-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5516632
                                                  amino acid
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Selection 36, Application 38/98116733 Forest No. 5516632 Herenzal IMPORMATION:
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Marchen C., Cambridge C. 1, Milliant Chee
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APPLICATION NUMBER: 1903
CILABLE CATHON: 455
AUTH-SHRY/A BOT I MESEMATI M:
MAME: WILLSON MARY J.
MAME: WILLSON MARY J.
SON STANDARD STANDARD
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APPELLANT: HANNES, FARTELLE;
TITLE W. AVEN. N. ORIGHELL HARTHOW
WINNERS OF SEQUENTES: 46
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: PALKER, Thomas J. APPLICANT: PALKER, Thomas J. APPLICANT: PALYERS, BUTTOUR F. TUTTER OF INVESTORS OF SEQUENTES: 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: 5.8.A.

ZIP: A.201 4714

MEDIUM TYPE: FIGHTY disk

MEDIUM TYPE: FIGHTY DATA:

MEDIUM TYPE: FIGHTY DATA:

MEDIUM TYPE: FIGHTY DATA:

MEDIUM TYPE: FIGHTY DATA:
PRESIDENDENCE ACCRESS:

ACCRESSEE: N.X.Y.N. Y. VAMABAHYE F.A.

STERET: T.E. A. A. P.TH. JI.BEE B.A.D.

TTY A. T.E. A. T.E. A. A. P.TH. J.E.BE. B.A.D.

TYPATE: VIR.J.M.A.

CHUNTRY: U.S.A.A.
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188 - Aprierford
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REFEREN E/DOOKET NUMBER 15
ELS MANITH NATON INFERMATION
TRELERIPHER (703) 916 4000
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ACCEPACIES WWW.W. WINDSHITE POS
PRECIPENTES ACCEPACIO
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88.3%, Prod. No. 1.9e+05;
VATIVE 9; Mismatches 1; Indels
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## MOLECULE TYPE: peptide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMMUTER: IRM DC COMPATIBLE
COMMUTER: IRM DC COMPATIBLE
GENERATING SYSTEM: POT-MCS/MS-FUS
SOFTWARE: FALENCIIN PET-MCS/MS-FUS
SOFTWARE: FALENCIIN PET-MCS/MS/116,733
FULLING DATE: 07-SEP-193
FILING DATE: 07-SEP-193
CLASSIFICATION: 435
ATTOCHEY/ACENT INFORMATION:
NAME: WILSON MARY J.
PETICETEATION MUMBER: 32,955
PETERENCE/POCYET MUMBER: 1579-33
TELECOMMUNICATION TREEFMATTON:
TELEFICHE. (202) 8.6-4(20)
TELEFFAX: (703) 816-4(100)
TELEFFAX: (703) 816-4(100)
                            FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, Grogory D
REGISTRATION NUMBER: 30901
REFERENCE/COOPET HUNGER, HER
TELECUMMUNICATION INFORMATION:
TRIEDHONE: 978 927 5054
                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNOOTE:
ATTORNOOTE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GEMERAL INFORMATION:

APPLICANT: MORGAN, RICHARD

AFFLICANT: CHANG, SHIYUH

TITLE OF INVENTION. DISCOVERY OF AND

TITLE OF INVENTION. METHOD FOR CLONING AND FRODUCING THE

TITLE OF INVENTION. REFGI RESTRICTION PUDCHUCHASE

NUMBER OF SEQUENCES: 14
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IMPSEMATION FOR SEQ ID NOT
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                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 01915
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: New England Biolabs, Inc.
STREET: 32 Tozer Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 11 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 32 Toz.
CITY: Beverly
STATE: MA
                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Diskette
COMPUTER: IBM Compatit
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Vers
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TOPOLOGY: linear
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TELEX:
                   TELEFAX:
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                   978 927 1705
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M: DOS

    Mismatches

                                                                                  155 127
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US-08-193-521-10
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Query March
Best Local Similarity
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APPLICANT: Maloy, W. Lee
APPLICANT: Kari, U. prasad
APPLICANT: Williams, Jon I.

TITLE OF INVENTION: Biologically Active Peptide
TITLE OF INVENTION: Compositions and Uses Theref
NUMBER OF SEQUENCES: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                            TELEFAX: 201-994-1744
INFORMATION FOR SEQ 1D NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH. 11 amino acida
                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION HUMBER. US
FILING DATE:
                                                FEATURE:
OTHER INFORMATION: May be a C-terminal amide,
OTHER INFORMATION: N-terminus.
                                                                                                                                                                                                                                                                              NAME: Olstein, Elliot M.
PEGISTRATION NUMBER: 24,025
REFERENCECTOCKET NUMBER: 421250-161
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IRM PS/2
OPERATING SYSTEM: PC-DUS
SOFTWARE: DWAI-V2
CURRENT APPLICATION NUMBER: US/68
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MEDIUM TYPE: 3.5 inc
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 07/70
FILING DATE: 13-SEP-1991
ATTURNEY/AJENT INFORMATION:
                                                                                                                                       MOLECULE TYPE: peptide
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                                                                                                                                                                            STRANDEDNESS
                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 6 Becke
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Carella, Byrne, Bain, Gilfillan
ADDRESSEE: Cecchi & Stewart
STREET: 6 Becker Farm Road
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TYPE: amino acid
STRANDEDNESS: single
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Local Similarity 62.5%; Fred. No. 41;
es 5; Conservative 2; Mismatches
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5470950
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                                                                                                                                                                                           amino acid
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                                                                                                                                                                                                           18 amino acids
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 51.9%; Score 20,
62.5%; Prod. No.
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 DB 1, Length 18; 66;
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RESULT 13
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; Patent No. 56
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                                                                                                                   Matches
                                                                                                                                Query Match
Best Local 9
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                                                                                                                                                                                                                                                                  TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 201-994-1700
                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Jacob, Leonard S.
APPLICANT: Maloy, W. Lee
TITLE OF INVENTION: Treatment of Gynecological
TITLE OF INVENTION: Malignancies with
TITLE OF INVENTION: Biologically Active Peptides
NUMBER OF SEQUENCES: 117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA
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                                                                                                                                                                                                                                                                                                                                                                       NAME: Olstein, Elliot M.
PEGTSTPATTON NUMBEP: 24,025
REFERENCE/DOCKET NUMBER: 421250-194
                                                                                                                                                                                                                                     STRANDEDNESS
                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
APPLICATION NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 6 Becke
CITY: Roseland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: "15/08/226,108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 514
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: DW4.V2
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                                               9 KKPKKLLK 16
                                                                                3 KKPKRNIK 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
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                                                                                                             h 51.9%; Score 28; DB Similarity 62.5%, Fred. No. 66; 5; Conservative 2; Mismatches
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                                                                                                                                                                                                                                                                    18 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6 Becker Farm Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/08434120
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                                                                                                                                                                                                                      linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             US/07/937,462
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                                                                                                                                             DB 1; Length 18;
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US-08-465-325-103

// Sequence 103, Application US/08465325
// Patent No. 5686563

GENERAL INFORMATION:

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De pende 103, Application 05/50115737
Put ent No. 6340445
BENBRAD INFORMATING
APPLICANTE 0, Prosid Kari
Cuffy J. Williamo
Michael McLane
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APPLICANT: Plymouth Mooting, PA 19462

Clids of INVENTION: Principal Substitutions

MORRES of INVENTION: N Triminal Substitutions

MORRES of INVENTION: N 153

MORRES of INVENTION: 153
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EPTOR APPLICATION DATA:
APPLICATION DATE:
APPLICATION DATE: 01 JUN 92
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MEDIUM TYDE, BYDHY 188

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ACCRECOSEE: Turney, H., Henderson, Farabox, Garrett
Sunner, L.L.P.
STREET: 135" I Street, N.W. Suite 700
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APPLICANT: Stanley B. Prusir
APPLICANT: Kiyotoshi Kaneko
APPLICANT: Fred E. Cohen
TITLE OF INVENTION: Formatic
TITLE OF INVENTION:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Valeta Grogg
REGISTRATION NUMBER. 35,
REFERENCE/DUCKET NUMBER.
                                                                                                                                                                                                                                                                                   SOFTWARE: ASCIII
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIE. 94025
COMPUTER PEADABLE FORM:
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                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE:
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CITY: Menlo Park
STATE: California
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STRANDEDNESS: single
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 322-570
TELEPHONE: (415) 322-570
TELEPHONE: (415) 354-0875
INFORMATION FOR SEQ ID MO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-556-823-5
Query Match
Best Local Similarity 71.4%; Pred. No. 70;
Matches 5: Conservative 1; Mismatches 1; Indels 0; Gaps 0;
Matches 5: Conservative 1; Mismatches 0; Gaps 0;

OY 4 KPKPNIK 10
Db 1 KPKTNMK 7

Search completed. March 20, 2003, 09.43.41
Job time: 17 secs
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Database :
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Maximum Match 100%
Listing first 45 summaries
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Pred No is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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equence 102.	е 4	Sequence 114, App	-	16, A	Sequence 18, Appl	e 17	11,	(1)	5	Œ	15,	e 1,	Sequence 252, App	Sequence 42, Appl	Sequence 39, Appl	Sequence 44, Appl	Sequence 10, Appl	Sequence 10, Appl	Description

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RESULT 1
US 09-730-772-10
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                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Luyten, Frank P.
APPLICANT: Moos, Jr., Malcolm
APPLICANT: Chang, Steven Chao-Huan
TITLE OF INVENTION: CAPTILAGE-DERIVED MCEPHOGENETIC
TITLE OF INVENTION: PROTEINS
JUNKEER OF SEQUENCES. 24
COFFEEPONDENCE ADDRESS.
                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-235-8550
TELEPAX: 619-235-0176
                                                                                                                                                                                                                                 FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: Windows SOFTWARE: FastSEQ for Windows Version 2.0b CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
                                                                                                                                                                NAME: Bartfeld, Neil S
REGISTRATION NUMBER: 39,901
REFERENCE/FOCKET NUMBER: NI
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE:
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STREET: 620 Newport Center Drive, 16th Floor
CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
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SYSTEM: Windows
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Bared N. 50230139736A;
ARRIVANT MATENATION
ARRIVANT Mayber, Frink P.
ARRIVANT Mayber, Frink P.
ARRIVANT Mayber, Jr. Milcolm
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TYPE: ARGIDO ACTA
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APPLICANT: WICKHAM, THOMAS J.
APPLICANT: KOVESCH, INNE
APPLICANT: KOVESCH, INNE
ILLE GE INVENTION VECTERS AND METHODS FOR JEI
FILE PEFERENCE: 212940
FILE PEFERENCE: 212940
CUEPELUT AFFILIAS DATE: 2001 10 24
PRICE APPLICATION NUMBER 100 00/101/751
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PRICE APPLICATION TOWERP 100 00/101/751
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Sequence 14, Application US/10092750
Fublication W. US20030032157A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                              RESULT 5
US-09-999-724 42
                                                                                                                                                                                                                               Sequence 42, Application US/U4444724, Publication No. US2003002355A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ORGANISM: Homo sapien
บุร-10-094-699-44
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· LENGTH: 9
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GENERAL INFORMATION:
APPLICANT: SIMARD, John, J.L.
APPLICANT: DIAMOND, David, C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; SOFTWARE: FastSEQ for Windows Version 4.0 ; SEQ ID NO 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 48.1%, Score 26, DE 3, Best Local Similarity 71.4%, Fred. No. 1.3e+02; Matches 5; Conservative 1; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PERSON AND LICENTIAN NIMEER. UC;11/352,750 CURPERT FILING DATE 2017-03-07 PH OR APPLICATION NUMBER: US 60/274,526 PRIOR FILING DATE 2001-03-08 NUMBER OF SEQ ID NOS: 253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 51 9%; Score 28; DB 9; Length 9; Best Local Similarity 71.4%, Pred. No. 2e+05; Matches 5; Concervative 1; Mismatches 1; Indels
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APPLICANT: Alpin, Julia
APPLICANT: Wright, Martin C.
TITLE OF INVENTION PHYPOPHIA'S Inforactive with PCL XI
FILE REPERENCE: 50034/050003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    THESELT ASSESSMENT IT IT IN PERSON (10/194,699 CUPPENT FILING DATE: 2002-06 21 FELL WAS FAILED LINES FOR U.S. 60,774,063 PRIOR FILING DATE: 2001-03-07 NUMBER OF SEQ ID NOS: 109 SOFTWAPE: Past SEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: SIMMAN, CO...,
APPLICANT: DIAMOND, DAVIG, C.
TITULE CF INVENTION: ANTI-SHEVASCULATURE PREFARATIONS FOR
TITULE OF INVENTION: CANCER
FILE PREFERENCE: CTLIMM 015A
FILE PREFERENCE: CTLIMM 015A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Homo sapiens
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// Sequence 252, Application US/09776724A
// Publication No. US20030050455A1
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US-09-776-724A-252
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PRIOR PRICING DATE: 1996-19-21

PRIOR APPLICATION NUMBER: 18 08/700,946

PRIOR APPLICATION NUMBER: 19 08/701,124

PRIOR PRICING DATE: 1996-08/21

PRIOR APPLICATION NUMBER: 18 08/563,268

PRIOR FILING DATE: 1995-11-28

NUMBER OF SEQ ID NOS: 94
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PRIOR FILLING DATE: 1999-01-14
ERICH APPLICATION MIMBER 177:17
PRIOR FILLING DATE: 1998-07-15
PRIOR APPLICATION NIMBER: 00/05
PRIOR FILLING DATE: 1997-07-16
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Best Local Similarity 60.0%;
Matches 6: Conservative
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TITLE OF INVENTION of Hyman Secreted Frateirs
FILE REFERENCE: P2011
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PRIOR APPLICATION WIMBER 0
PRIOR FILING DATE: 2000-00
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OP APPLICATION NOVERED FOR CO. A74
OP FILING DATE: 1007 OF C. 973
OF APPLICATION NIVEES FOR CO. 973
OR FILING DATE: 1007-07-16
OR APPLICATION NIVEES FOR CO. 973
OR FILING DATE: 1007-07-16
OR APPLICATION NIVEES: 60/050,875
OR FILING DATE: 1007-07-16
OR APPLICATION NIVEES: 60/050,440
OR FILING DATE: 1007-07-22
OR FILING DATE: 1007-07-22
OR APPLICATION NIVEES: 60/053,441
OR APPLICATION NIVEES: 60/053,442
OR APPLICATION NIVEES: 60/056,359
OR APPLICATION NIVEES: 60/056,359
OR APPLICATION NIVEES: 60/056,359
OR APPLICATION NIVEES: 60/056,705
OR APPLICATION NIVEES: 60/056,705
OR APPLICATION NIVEES: 60/056,085
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FILING DATE: 1997-07-16
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7/15
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Pred. No. 1.3e+02;
1; Mismatches 3;
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US 10-057-812-15

| Sequence 15, Application US/10057812
| Publication No. US20020197619A1
| GENERAL INFORMATION:
| APPLICANT. Nikiforov, Theo T.
| TITLE CF INVENTION: Kinase Assays Using Polycations
| FILE REFERENCE: 100/07930
| CHERENT APPLICATION NUMBER: US/16/057,912
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                                                                                                                                                                                                 RESULT 8
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; ORGANISM: Homo sapiens
US-09-776 724A-252
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PRICE FILING DATE: 2000-07-06
PRICE APPLICATION NUMBER: PCT/JP96/03861
PRICE FILING DATE: 1996-12-27
NUMBER OF SEC ID NOS: 12
SOFTMARE: FASCSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 20
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PRIOR FILING DATE: 1997-08-18
FRICA PPLICATION NUMBER: 60/056,361
PRIOR PILING DATE: 1997-08-18
PRIOR APPLICATION NUMBER: 60/055,726
PRIOR FILING DATE: 1997-08-18
PRIOR FILING DATE: 1997-08-18
PRIOR FILING DATE: 1997-08-18
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AFFLICANT. Nagoshi, Emi
AFFLICANT. Nakuta, Teruo
AFFLICANT: Takeda, Katsuo
AFFLICANT: Hasegawa, Mamoru
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SEQ ID NO 252
LENGTH. 20
                                                                                                                                                                                                                                                                                                                                                      Rest Local Similarity 83.1
Matches 5; Conservative
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Patent No. US20020042135A1
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Best Local Similarity 55.6%;
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CURPENT APPLICATION NUMBER: US/0
CURRENT FILING DATE: 2001-04-27
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PRIOR FILING DATE: 1997-08-18
PRIOR PRILICATION NUMBER: 60/055,683
PRIOR FILING DATE: 1997-08-18
NUMBER OF SEQ ID NOS. 294
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Chamism: Simian virus 40
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INVENTION ENACE WITH UNILEAF LICALICATION SIGNAL
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83.3%; Pred. Mo. 2.3e+02;
Live 0; Mismatches 1
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L, Mismatches
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APPLITATE (F INVINITION, Ends T.

TITTLE (F INVINITION, Ends Andays Uning Polymations Files Preseptions: Indys758)

"TEPERS APPLITATION NIMBER: INS/59/569,199A

THE FOR FILING DATE, 1000-95 21

FROM FILING TATION NIMBER: INS 69/166,447

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FROM FILING TATION NIMBER: INS 69/166,366
BENESAL INS BANTION.

APPLICANTS Hommings In Lan A
APPLICANTS HOLLWARD. Thomas A
TITLE OF INVENTIONS CALCIUM Proprieted Kinase
FILE REFERENCES VII.

"THERM APPLICATION NUMBER 107/10/108, FOR
THERM APPLICATION NUMBER 107/10/108, FOR
EDIT APPLICATION NUMBER 107/104, ECC.
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Training Annual Component Com-

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    Sequence 12, Application US/10108795
    Forther ion No. US2014 (34643A)

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September 15, Application 78/09669193A
Entent No. 722 722 736 67A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           * KKPERNIKA 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 KWINIKWAKA )
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       * KEPEFNIKA III
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2; Mismatches
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RESULT 11
US 10 042-202-47
J. September 47, Application US/18042202
J. Patent NO US20020136733A1
J. GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   В
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SEQ ID NO 12
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FRICH APPLICATION NUMBER: 08 9717089.8
PRIOR FILING DATE: 1008-08
FRICH APPLICATION NUMBER: GB 3717499.9
FRICH FILING DATE: 1308-08-19
NUMBER OF SEQ ID NOS: 34
                                                                                                                    TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
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Catherine Elizabeth Margaret ALLSOPP, Ajit LALVANI, Magdalona
PLEBANSKI, Hilton Carter WHITTLE,
TITLE OF INVENTION: MALARIA PEPTIDES
NUMBER OF EQUENCES: 52
                                                                                                                                                                                                                 NAME: Warren M Cheek, Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER: 2002.0026
TELECOMMINICATION INFORMATION:
TELEPHONE: (202)-721-8200
TELEPAX: (202)-721-8250
                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: GB 9406492.0 FILING DATE: 31-MAR-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER PRACABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: MS-DOS
SOFTMARE: WS/AFRE MS-DOS
SOFTMARE: WS/AFRE FOR WINDOWS 95
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: WENDEROTH, LIND & FONACK, I
STREET: 2033 K Street, N.W., Suite 800.
TOPOLOGY: linear MOLECULE TYPE: peptide seguence resourcers.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         h 44.4%; Score 24; DB 9; Similarity 57.1%; Fred. No. 1.9e+02; 4; Conservative 1; Mismatches 7
                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 11-Jan-2002

R APPLICATION NUMBER: 08/714,175

FILING DATE: 28-JAN-1997

APPLICATION NUMBER: WF FTT/PR4/75992

FILING DATE: 70-MAR-1995
                                                                                               TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: D.C
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                                                                      STRANDEDNESS: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/10/042,202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
  SEQ ID MO: 47:
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FAURIT NO. USTANZALES 34A1

FRENERAL INFORMATION.

APPLICANT: Powers, Scott

APPLICANT: Mu, David

APPLICANT: Xiang, Phil

APPLICANT: Xiang, Phil

APPLICANT: Tolarik Inc.

TITLE OF INVENTION: Perlino Polypeptides and Polynucleotides

FILE REFERENCE. 018 MS.-00-010US

FILE REFER
                                                                                                                                             US-10-041-030-17
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/ Publication No. US20030022171A1
/ GENERAL INFORMATION:
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         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 17, Application US/10041030 Fatent No. US70020150934A1
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APPLICANT: Cao, Xinemai
TITLE OF INVENTION. METHODS OF IDENTIFYING AGENTS THAT
TITLE OF INVENTION. AFRICT CLEAVAGE OF AMYLVID- PPECT
FILE PEREPRICE A34.42 (134435.0136)
CURFENT AFFLICATION NUMBER 18/09/821,861
CURFENT FILLING BOATE: 201-03-30
NUMBER 0F 3EQ 15 NUS: 16
SOFTEMAPF: FRIESCO FOT WINDOWS VOTEION 4.0
                                                                                                                               ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:amino acid
OTHER INFORMATION, sequence identity in comparison of pellino 1 a
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44.4%; Score 24; DB 12; Length 14, 66.7%; Fred. No. 2.5e+02;
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 15
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US-09-736-959A-28
; Sequence 28, Application US/09736959A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           IIS-09-736-959A-28
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                                                                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION: Of Southern California APPLICANT: University of Southern California APPLICANT: OJ Jing-Hsiung APPLICANT XU Chemming TITLE OF INVENTION: HEPARITIS C VIPUS GENE PRODUCTS
                                                                                                      Query Match 44.4%; Score 24, DB a, )
Best Local Similarity 57.1%; Prod. No. 3 50+02;
                                                                                                                                                                                                                                                                                                                                                               APPLICANT: DAUBERIES, PIEPPE
TITLE OF INVENTION MALARIAL PRE-ERVTHPOCYTIC STAGE POLYPEPTIDE MOLECULES
FILE REFERENCE: 20073USDDIV
CUPPENT APPLICATION NUMBER: 155/00/742/626
CUPPENT FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: US 08/973/642
PRIOR APPLICATION NUMBER: US 08/973/642
PRIOR PILING DATE: 1998-02-06
PRIOR PILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: FR 95/07007
PRIOR APPLICATION NUMBER: FR 95/07007
PRIOR PILING DATE: 1995-06-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: DRUILHE, PIEPPE
APPLICANT: DAUBERSIES, PII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. US20020076415A1
                                                                                                                                                                                                                        LENGTH: 20
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE PREERENCE: 13761-742
CURRENT APPLICATION NUMBER: US/09/736,959A
CURPENT FILING DATE: 2000-12-14
PRIOF APPLICATION NUMBER: US 60/170,835
PRIOP FILING DATE: 1999-12-14
NUMBER OF SEQ ID NOS: 32
                                                                                                                                                                                      FEATURE:
OTHEP INFORMATION. Synthetic Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Hepatitis C Virus (HCV-1 subtype)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH:
                                          3 KKPKENI 9
6 EEPKENI 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
les 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3 KKPKRN 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 KRPKAN 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3 KKPKRN 8
                                                                                     4; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 44.4%; Soure 24; DB 10; 83.3%; Fred. No. 2.8e+02;
                                                                                   P: Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0, Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 10; Length 16;
                                                                                                                           Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
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Journal Completed: March 25, 2013, 00:44:03 Chiling at 15 seems